



TEMPERATURE REGULATION AND HEAT EXCHANGERS

All plants need hot water, whether it's for phosphatizing, decreasing, general clean-up, or hot showers. Most take cold city water and need to heat it to desired temperatures more quickly than a batch, reservoir type allows.

Heat exchangers require a heating medium and a process to be heated. Assume we have the steam and cold water from the street. A temperature regulator senses the temperature of the water and modulates a steam valve.